**Investigation #1**

**Conditions** (choose two): Pressure Temperature Volume

**Data: Graph:**

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**Relationship**: As \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases/decreases,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases/decreases.

**Resulting Equation/Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Investigation #2**

**Conditions** (choose two): Pressure Temperature Volume

**Data: Graph:**

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**Relationship**: As \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases/decreases,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases/decreases.

**Resulting Equation/Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Investigation #3**

**Conditions** (choose two): Pressure Temperature Volume

**Data: Graph:**

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**Relationship**: As \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases/decreases,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases/decreases.

**Resulting Equation/Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_